

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022619\  
 Data File : VV009371.D  
 Acq On : 26 Feb 2019 17:17  
 Operator : SY/MD  
 Sample : K1579-08RE  
 Misc : 7.48G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DB605RE

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM022619S.M  
 Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.319    | 66         | 71       | 80        | rVB   | 41423       | 39178      | 14.63%       | 2.155%     |
| 2      | 2.126    | 316        | 322      | 337       | rVB   | 101601      | 154220     | 57.60%       | 8.484%     |
| 3      | 2.685    | 493        | 496      | 502       | rBV4  | 477         | 524        | 0.20%        | 0.029%     |
| 4      | 2.949    | 575        | 578      | 580       | rBV2  | 481         | 319        | 0.12%        | 0.018%     |
| 5      | 3.077    | 610        | 618      | 631       | rVV6  | 2877        | 5760       | 2.15%        | 0.317%     |
| 6      | 3.341    | 697        | 700      | 703       | rBV3  | 351         | 312        | 0.12%        | 0.017%     |
| 7      | 3.531    | 756        | 759      | 761       | rBV2  | 513         | 273        | 0.10%        | 0.015%     |
| 8      | 3.730    | 815        | 821      | 822       | rBV2  | 424         | 315        | 0.12%        | 0.017%     |
| 9      | 3.862    | 858        | 862      | 866       | rBV2  | 549         | 344        | 0.13%        | 0.019%     |
| 10     | 3.894    | 867        | 872      | 873       | rBV2  | 519         | 330        | 0.12%        | 0.018%     |
| 11     | 3.949    | 879        | 889      | 900       | rBV2  | 7997        | 20717      | 7.74%        | 1.140%     |
| 12     | 4.341    | 1008       | 1011     | 1014      | rBV4  | 616         | 426        | 0.16%        | 0.023%     |
| 13     | 4.402    | 1015       | 1030     | 1048      | rVV   | 45657       | 111861     | 41.78%       | 6.153%     |
| 14     | 4.650    | 1103       | 1107     | 1109      | rBV3  | 469         | 316        | 0.12%        | 0.017%     |
| 15     | 4.663    | 1109       | 1111     | 1115      | rVV2  | 368         | 329        | 0.12%        | 0.018%     |
| 16     | 4.717    | 1121       | 1128     | 1129      | rBV4  | 756         | 938        | 0.35%        | 0.052%     |
| 17     | 4.929    | 1191       | 1194     | 1196      | rBV2  | 458         | 308        | 0.12%        | 0.017%     |
| 18     | 5.010    | 1215       | 1219     | 1223      | rVB5  | 540         | 438        | 0.16%        | 0.024%     |
| 19     | 5.097    | 1231       | 1246     | 1269      | rVV3  | 107035      | 267746     | 100.00%      | 14.729%    |
| 20     | 5.280    | 1301       | 1303     | 1305      | rBV2  | 449         | 218        | 0.08%        | 0.012%     |
| 21     | 5.450    | 1350       | 1356     | 1362      | rBV6  | 726         | 1106       | 0.41%        | 0.061%     |
| 22     | 5.495    | 1367       | 1370     | 1373      | rBV3  | 567         | 364        | 0.14%        | 0.020%     |
| 23     | 5.518    | 1373       | 1377     | 1380      | rBV2  | 374         | 309        | 0.12%        | 0.017%     |
| 24     | 5.595    | 1399       | 1401     | 1405      | rVB2  | 614         | 350        | 0.13%        | 0.019%     |
| 25     | 5.666    | 1409       | 1423     | 1440      | rBV   | 85327       | 172268     | 64.34%       | 9.476%     |
| 26     | 5.859    | 1479       | 1483     | 1486      | rBV3  | 688         | 437        | 0.16%        | 0.024%     |
| 27     | 6.003    | 1523       | 1528     | 1529      | rBV   | 327         | 289        | 0.11%        | 0.016%     |
| 28     | 6.058    | 1543       | 1545     | 1548      | rBV2  | 390         | 232        | 0.09%        | 0.013%     |
| 29     | 6.119    | 1552       | 1564     | 1589      | rVB2  | 57625       | 119159     | 44.50%       | 6.555%     |
| 30     | 6.261    | 1605       | 1608     | 1612      | rBV2  | 701         | 558        | 0.21%        | 0.031%     |
| 31     | 6.383    | 1641       | 1646     | 1649      | rVB5  | 811         | 854        | 0.32%        | 0.047%     |
| 32     | 6.412    | 1652       | 1655     | 1659      | rVV3  | 464         | 347        | 0.13%        | 0.019%     |
| 33     | 6.447    | 1662       | 1666     | 1669      | rVV3  | 407         | 375        | 0.14%        | 0.021%     |
| 34     | 6.463    | 1669       | 1671     | 1678      | rVB3  | 515         | 358        | 0.13%        | 0.020%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM022619S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 6.495  | 1678 | 1681 | 1687 | rVB2 | 552    | 604    | 0.23%  | 0.033%  |
| 36 | 6.524  | 1687 | 1690 | 1693 | rBV2 | 328    | 246    | 0.09%  | 0.014%  |
| 37 | 6.544  | 1693 | 1696 | 1700 | rBB2 | 470    | 310    | 0.12%  | 0.017%  |
| 38 | 6.569  | 1702 | 1704 | 1707 | rBV3 | 392    | 317    | 0.12%  | 0.017%  |
| 39 | 6.605  | 1712 | 1715 | 1716 | rBV2 | 405    | 214    | 0.08%  | 0.012%  |
| 40 | 6.643  | 1721 | 1727 | 1731 | rVB4 | 495    | 547    | 0.20%  | 0.030%  |
| 41 | 6.698  | 1739 | 1744 | 1745 | rBV2 | 1510   | 1381   | 0.52%  | 0.076%  |
| 42 | 7.029  | 1833 | 1847 | 1864 | rBV  | 35918  | 66120  | 24.70% | 3.637%  |
| 43 | 7.193  | 1896 | 1898 | 1905 | rVB3 | 484    | 474    | 0.18%  | 0.026%  |
| 44 | 7.232  | 1905 | 1910 | 1913 | rBV4 | 782    | 678    | 0.25%  | 0.037%  |
| 45 | 7.257  | 1916 | 1918 | 1920 | rBV  | 610    | 287    | 0.11%  | 0.016%  |
| 46 | 7.309  | 1931 | 1934 | 1935 | rBV  | 413    | 210    | 0.08%  | 0.012%  |
| 47 | 7.360  | 1939 | 1950 | 1968 | rBV  | 117872 | 211471 | 78.98% | 11.633% |
| 48 | 7.595  | 2020 | 2023 | 2026 | rBV3 | 487    | 403    | 0.15%  | 0.022%  |
| 49 | 7.624  | 2031 | 2032 | 2035 | rVV2 | 461    | 293    | 0.11%  | 0.016%  |
| 50 | 7.666  | 2035 | 2045 | 2061 | rVV2 | 22615  | 39674  | 14.82% | 2.182%  |
| 51 | 8.135  | 2181 | 2191 | 2214 | rBV3 | 32990  | 67346  | 25.15% | 3.705%  |
| 52 | 8.537  | 2313 | 2316 | 2320 | rBV  | 835    | 586    | 0.22%  | 0.032%  |
| 53 | 8.569  | 2322 | 2326 | 2328 | rBV2 | 535    | 474    | 0.18%  | 0.026%  |
| 54 | 8.617  | 2335 | 2341 | 2345 | rBV4 | 833    | 718    | 0.27%  | 0.039%  |
| 55 | 8.788  | 2390 | 2394 | 2396 | rBV3 | 475    | 302    | 0.11%  | 0.017%  |
| 56 | 8.897  | 2417 | 2428 | 2442 | rBV  | 109083 | 183307 | 68.46% | 10.084% |
| 57 | 9.174  | 2512 | 2514 | 2519 | rBV3 | 463    | 391    | 0.15%  | 0.022%  |
| 58 | 9.235  | 2531 | 2533 | 2537 | rVB2 | 774    | 510    | 0.19%  | 0.028%  |
| 59 | 9.325  | 2555 | 2561 | 2562 | rBV2 | 512    | 442    | 0.17%  | 0.024%  |
| 60 | 9.412  | 2586 | 2588 | 2593 | rVB3 | 536    | 386    | 0.14%  | 0.021%  |
| 61 | 9.537  | 2623 | 2627 | 2631 | rVV4 | 596    | 511    | 0.19%  | 0.028%  |
| 62 | 9.585  | 2639 | 2642 | 2644 | rBV3 | 706    | 430    | 0.16%  | 0.024%  |
| 63 | 9.633  | 2654 | 2657 | 2659 | rBV  | 500    | 337    | 0.13%  | 0.019%  |
| 64 | 9.672  | 2666 | 2669 | 2672 | rVB2 | 438    | 238    | 0.09%  | 0.013%  |
| 65 | 9.711  | 2676 | 2681 | 2682 | rBV2 | 455    | 405    | 0.15%  | 0.022%  |
| 66 | 9.765  | 2694 | 2698 | 2700 | rBV2 | 316    | 284    | 0.11%  | 0.016%  |
| 67 | 9.897  | 2736 | 2739 | 2740 | rBV  | 382    | 224    | 0.08%  | 0.012%  |
| 68 | 10.019 | 2774 | 2777 | 2783 | rBB2 | 284    | 260    | 0.10%  | 0.014%  |
| 69 | 10.051 | 2784 | 2787 | 2790 | rBV2 | 424    | 331    | 0.12%  | 0.018%  |
| 70 | 10.109 | 2801 | 2805 | 2808 | rBV3 | 303    | 219    | 0.08%  | 0.012%  |
| 71 | 10.129 | 2808 | 2811 | 2814 | rBV2 | 580    | 412    | 0.15%  | 0.023%  |

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 Start Thrs: 0.2  
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Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM022619S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |       |        |        |        |
|-----|--------|------|------|------|------|-------|--------|--------|--------|
| 72  | 10.145 | 2814 | 2816 | 2818 | rBV  | 468   | 267    | 0.10%  | 0.015% |
| 73  | 10.190 | 2827 | 2830 | 2831 | rBV2 | 502   | 298    | 0.11%  | 0.016% |
| 74  | 10.222 | 2837 | 2840 | 2842 | rBV  | 468   | 280    | 0.10%  | 0.015% |
| 75  | 10.264 | 2842 | 2853 | 2871 | rVV2 | 54313 | 89045  | 33.26% | 4.898% |
| 76  | 10.370 | 2880 | 2886 | 2889 | rBV4 | 658   | 727    | 0.27%  | 0.040% |
| 77  | 10.833 | 3028 | 3030 | 3035 | rBV2 | 370   | 318    | 0.12%  | 0.017% |
| 78  | 11.299 | 3164 | 3175 | 3189 | rBV  | 70217 | 119757 | 44.73% | 6.588% |
| 79  | 11.376 | 3197 | 3199 | 3200 | rBV2 | 438   | 227    | 0.08%  | 0.012% |
| 80  | 11.498 | 3234 | 3237 | 3242 | rVB4 | 842   | 614    | 0.23%  | 0.034% |
| 81  | 11.530 | 3242 | 3247 | 3252 | rBV4 | 544   | 703    | 0.26%  | 0.039% |
| 82  | 11.675 | 3281 | 3292 | 3305 | rBV  | 70866 | 114724 | 42.85% | 6.311% |
| 83  | 11.852 | 3345 | 3347 | 3349 | rBV2 | 391   | 210    | 0.08%  | 0.012% |
| 84  | 11.913 | 3364 | 3366 | 3369 | rVB2 | 445   | 222    | 0.08%  | 0.012% |
| 85  | 12.302 | 3485 | 3487 | 3492 | rVB3 | 772   | 439    | 0.16%  | 0.024% |
| 86  | 12.527 | 3554 | 3557 | 3561 | rVB3 | 563   | 413    | 0.15%  | 0.023% |
| 87  | 12.559 | 3565 | 3567 | 3571 | rBV3 | 435   | 322    | 0.12%  | 0.018% |
| 88  | 12.630 | 3587 | 3589 | 3596 | rVB4 | 530   | 453    | 0.17%  | 0.025% |
| 89  | 12.903 | 3670 | 3674 | 3678 | rBV2 | 686   | 608    | 0.23%  | 0.033% |
| 90  | 12.984 | 3694 | 3699 | 3703 | rBV2 | 649   | 705    | 0.26%  | 0.039% |
| 91  | 13.141 | 3745 | 3748 | 3751 | rBV2 | 649   | 499    | 0.19%  | 0.027% |
| 92  | 13.170 | 3754 | 3757 | 3761 | rVV3 | 457   | 320    | 0.12%  | 0.018% |
| 93  | 13.286 | 3791 | 3793 | 3796 | rBV2 | 441   | 247    | 0.09%  | 0.014% |
| 94  | 13.318 | 3800 | 3803 | 3805 | rBV2 | 787   | 496    | 0.19%  | 0.027% |
| 95  | 13.569 | 3878 | 3881 | 3884 | rVB3 | 826   | 508    | 0.19%  | 0.028% |
| 96  | 13.601 | 3889 | 3891 | 3894 | rBV4 | 670   | 416    | 0.16%  | 0.023% |
| 97  | 13.913 | 3986 | 3988 | 3990 | rBV2 | 527   | 317    | 0.12%  | 0.017% |
| 98  | 14.588 | 4196 | 4198 | 4199 | rBV  | 574   | 239    | 0.09%  | 0.013% |
| 99  | 14.694 | 4229 | 4231 | 4235 | rBV4 | 662   | 574    | 0.21%  | 0.032% |
| 100 | 15.157 | 4373 | 4375 | 4379 | rBV5 | 891   | 691    | 0.26%  | 0.038% |

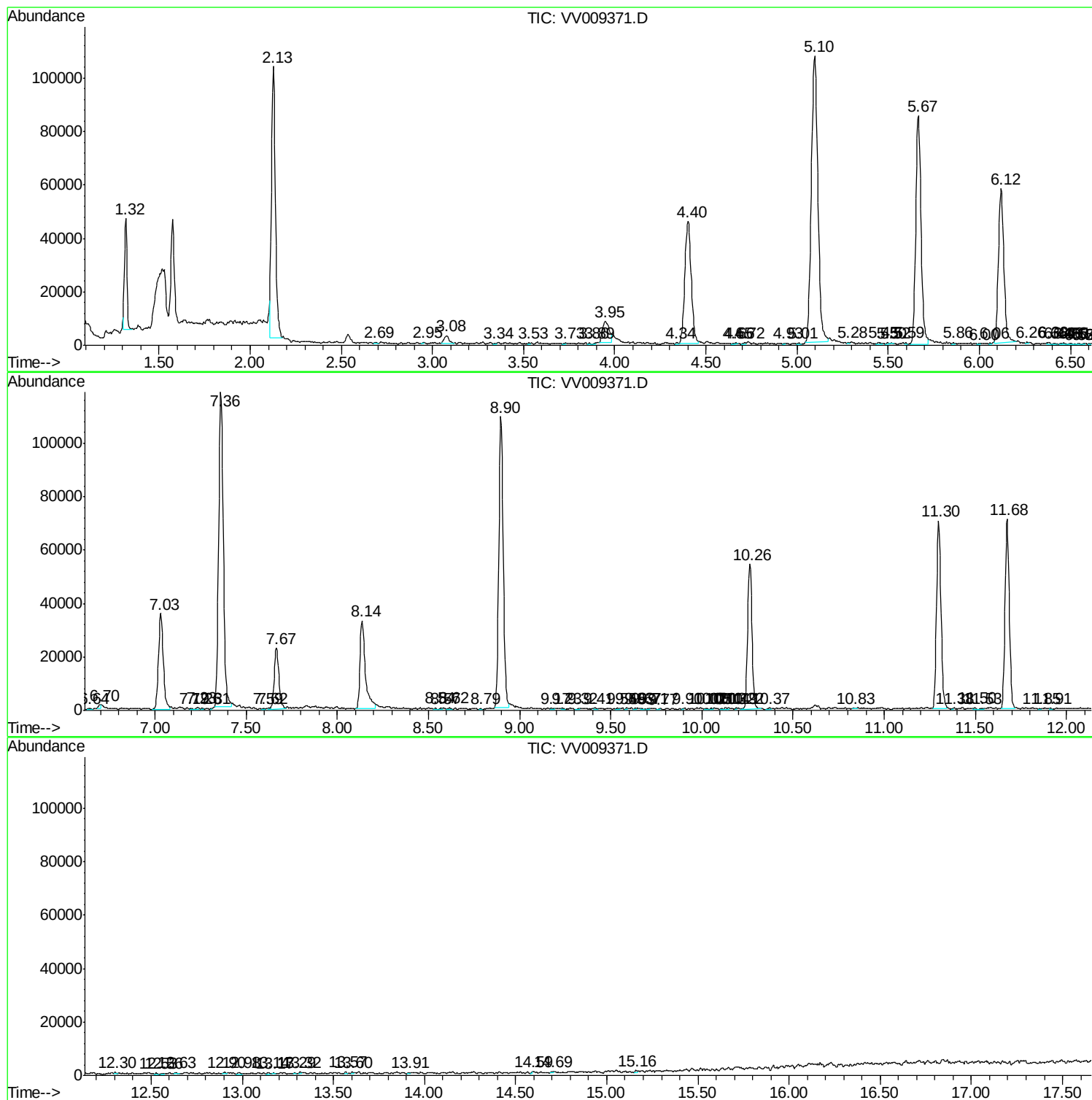
Sum of corrected areas: 1817859

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM022619S.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV022619\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM022619S.M  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

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Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV022619\  
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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |